

Converting Colors

Hex(DE6416)

Have a look what the booklet for
Hex(DE6416) contains.

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Color

Hex(DE6416)

Conversions

Conversions Part 1

Format	Color
Hex	DE6416
RGB	222, 100, 22
RGB Percent	87%, 39%, 9%
CMY	0.1294, 0.6078, 0.9137
CMYK	0.00, 0.55, 0.90, 0.13
HSL	23°, 82%, 48%
HSV	23°, 90%, 87%
XYZ	34.8262, 24.7019, 3.6915
YIQ	127.5860, 97.7500, 1.6060

Conversions

Conversions Part 2

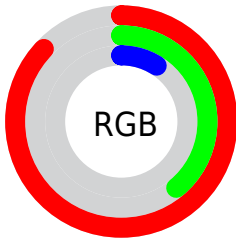
Format	Color
R_{YB}	222, 150, 22
Decimal	14574614
CIE _{Lab}	56.78, 44.06, 60.76
CIE _{LCh}	57, 75.056, 54.049
Yxy	24.7019, 0.5509, 0.3907
Android (android.graphics.Color)	4292764694 (0xFFDE6416)
YUV	127.5860, -52.0539, 82.8011
Hunter-Lab	49.7010, 38.1008, 30.3870

Details

The Hex color **DE6416** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1690DE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF994C**, and **9F3000** is the 20% darker color. If you saturate the color by 10%, you get **DE5700**, and if you desaturate by 10%, it is **DE722C**.

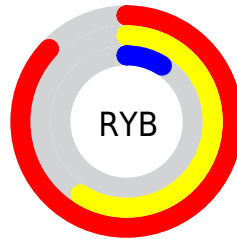
Distribution



Red (87%)

Green (39%)

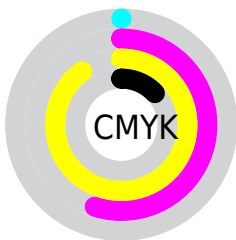
Blue (9%)



Red (87%)

Yellow (59%)

Blue (9%)

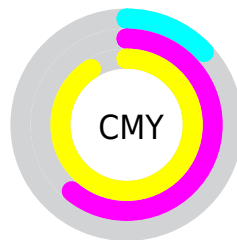


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE6416 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color DE6416 by changing the saturation by 10% instead.

 DE6416

 DE6416

FFFFFF

 BE4A00

 FF994C

 9F3000

 FF566

 801200

 FFD181

 620000

 FFEE9C

 450000

 FFFF8

 2B0001

 FFFFD4

 000000

 FFFFF1

 DE6416

 DE6416

 DE5700

 DE722C

 DE7F42

 DE8D59

 DE9A6F

 DEA885

 DEB59B

 DEC3B1

 DED0C8

 DEDEDE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F84357



DE6416



AF8100

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DE6416



00A479



657DFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



DE6416



1690DE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0094FF



DE6416



00A5BC

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DE6416



009F34



00A1F2



C95BD6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DE6416



888F00



00A1F2



0086FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



DE6416



FFD5BA



DE1691



806757



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



DE6416



FF6300



DEC716



706965



B04500



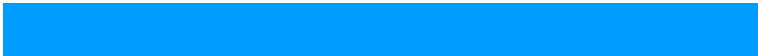
301300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1690DE



009CFF



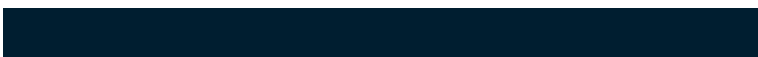
162DDE



656C70



006BB0



001E30

Previews

White Background



This preview shows how the Hex color DE6416 looks on a white background.

Color Contrast Check

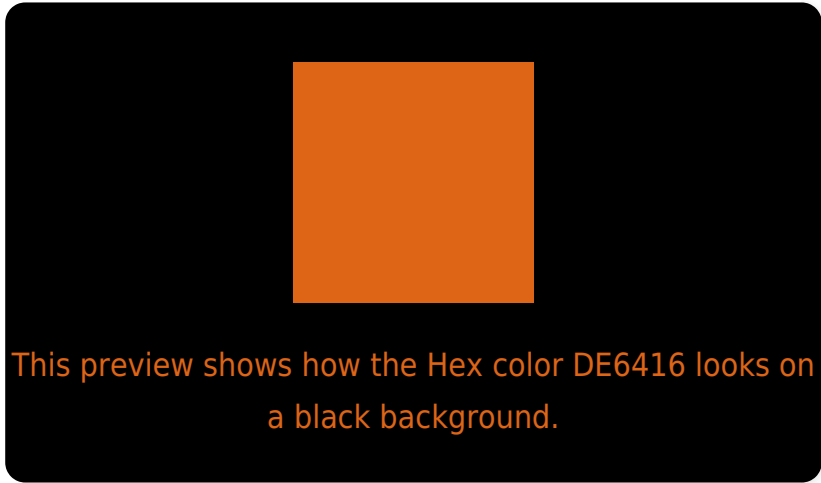
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DE6416 Background



This preview shows how black text looks on a background with the Hex color DE6416.



This preview shows how white text looks on a background with the Hex color DE6416.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
DE6416

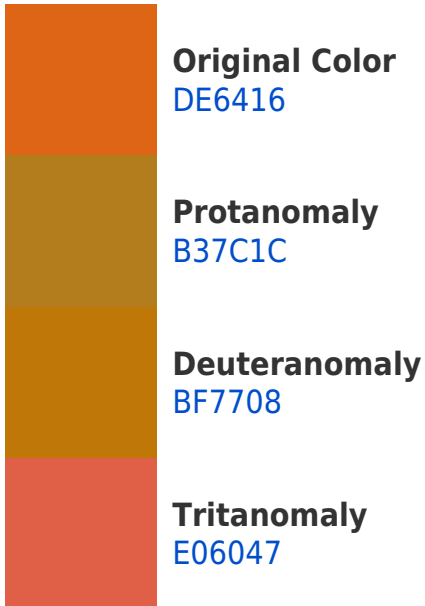
Protanopia
9A8920

Deuteranopia
AD8200



Tritanopia
E15D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE6416 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #DE6416 looks like.

```
.text, #text, p{  
    color:#DE6416  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #DE6416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6416
}
```

Border

The CSS property to change the border of an element to Hex DE6416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE6416 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#DE6416 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #DE6416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6416; -webkit-box-shadow:4px 4px  
4px 4px #DE6416; box-shadow:4px 4px 4px  
4px #DE6416 }
```

Background

The CSS property to change the background color of an element to Hex DE6416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6416 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#DE6416 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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